

Claims

1. A maintenance support for a motorcycle wheel, said support comprising:

5 a base frame having a working area defined between a pair of opposed side walls and a pair of spaced parallel axles extending transversely from one side wall to the other, each said axle being provided with a pair of spaced rollers adapted to support a motorcycle wheel thereon;

10 and wherein each member of each said pair of spaced rollers is freely rotatable about its respective axle independently of the other member of said pair, and each pair of rollers co-operates to present a generally V-shaped profile to a motorcycle wheel to be located on said maintenance support.

2. A maintenance support as claimed in claim 1, wherein each axle is generally cylindrical and each roller is generally conical or frusto-conical.

15 3. A maintenance support as claimed in claim 2, wherein each axle is freely rotatable relative to the base frame.

4. A maintenance support as claimed in claim 1, wherein each axle is held stationary relative to the base frame and comprises a central generally V-shaped portion, and each roller is generally cylindrical.

20 5. A maintenance support as claimed in claim 4, wherein the base frame further comprising a central rib adapted to support said central V-shaped portion of each axle.

6. A maintenance support as claimed in any of the preceding claims, wherein a bearing is located centrally on each axle, said bearing maintaining the separation between each pair of spaced rollers.

7. A maintenance support as claimed in any of the preceding claims wherein the base frame further comprises a pair of opposed end walls.

8. A maintenance support as claimed in claim 7, wherein each said end wall is inclined to form a ramp suitable for permitting a motorcycle wheel to enter and exit the working area.

9. A maintenance support as claimed in claim 8, wherein each said ramp is formed with a generally V-shaped cut-out portion adjacent its upper edge, said cut-out portion being aligned with the generally V-shaped profile of the rollers.

10. A maintenance support as claimed in any of the preceding claims, wherein each end of each axle extends through a mounting hole or slot provided in the side walls.

11. A maintenance support as claimed in claim 10, wherein each end of each axle is provided with a bearing adapted to be mounted in a mounting hole or slot.

12. A maintenance support as claimed in claim 11, wherein each said bearing is provided with a flange, to retain the rollers centrally on their respective axle.

13. A maintenance support as claimed in any of claims 10 to 12, wherein the side walls are provided with a series of mounting holes or slots spaced along the length thereof, and the axles are adapted to be removably mounted in said holes or slots, thus enabling the size of the working area to be varied.

14. A maintenance support as claimed in claim 13, wherein each end of each axle is provided with a clip to enable removable mounting of said axle in its respective mounting hole or slot.

15. A maintenance support as claimed in any of claims 10 to 14, wherein the side walls are provided with slots, and further comprising retainer plates to retain the axles in said slots.
16. A maintenance support as claimed in any of the preceding claims,
5 wherein the base frame further comprises a generally rectangular base member extending beneath said working area.
17. A maintenance support as claimed in any of the preceding claims, further comprising a plurality of feet provided on the underside of the base frame.
- 10 18. A maintenance support as claimed in any of the preceding claims, wherein the underside of the base frame is provided with an anti-slip material.
19. A maintenance support as claimed in claim 1 and substantially as herein described with reference to the accompanying drawings.